

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

**Hex(F3F3E7) Hex(FFFFFF0) Hex(EDF3E7) Hex(7A7A72) Hex(BABA00) Hex(3B3B00)**

	Hex(F3F3E7)	Hex(FFFFFF0)	Hex(EDF3E7)	Hex(7A7A72)	Hex(BABA00)	Hex(3B3B00)
Hex(F3F3E7)		<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.87</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.37</a> Passed <sup>6</sup>
Hex(FFFFFF0)	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.29</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 11.49</a> Passed <sup>6</sup>
Hex(EDF3E7)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.83</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.25</a> Passed <sup>6</sup>
Hex(7A7A72)	<a href="#">Ratio: 3.87</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.29</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.83</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 2.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.68</a> Failed <sup>5</sup>
Hex(BABA00)	<a href="#">Ratio: 1.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.08</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.58</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(3B3B00)	<a href="#">Ratio: 10.37</a> Passed <sup>6</sup>	<a href="#">Ratio: 11.49</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.25</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.58</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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